



PTO/SB/17 (01-06)

Approved for use through 7/31/2006. OMB 0651-0032

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Complete if Known

| | |
|----------------------|------------------------------|
| Application Number | Patent#: 6,980,469 <i>b2</i> |
| Filing Date | Issued: December 27, 2005 |
| First Named Inventor | Andrew Kent |
| Examiner Name | V. Q. Nguyen |
| Art Unit | 2827 |
| Attorney Docket No. | 05986/000M673-USO |

☐ Applicant claims small entity status. See 37 CFR 1.27

| | | |
|--------------------------------|-------------|---------------|
| TOTAL AMOUNT OF PAYMENT | (\$) | 100.00 |
|--------------------------------|-------------|---------------|

Attorney Docket No. 05986/000M673-USO

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

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| Deposit Account | Deposit Account Number: 04-0100 | Deposit Account Name: Darby & Darby P.C. |
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For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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| <input type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
|-------------------------|-----------------|---------------------|-----------------|---------------------|------------------|---------------------|-----------------------|
| | | <u>Small Entity</u> | | <u>Small Entity</u> | | <u>Small Entity</u> | |
| <u>Application Type</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fees Paid (\$)</u> |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| 2. EXCESS CLAIM FEES | | Small Entity |
|----------------------------------------------------|-----------------|-----------------|
| <u>Fee Description</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> |
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|-----------------|----------------------|
| - | = | X | = |

HP = highest number of total claims paid for, if greater than 20.

| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|----------------------|---------------------|-----------------|----------------------|
| - | = | x | = |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).


| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---------------------------------------------------------|-----------------|----------------------|
| - 100 = | /50 | (round up to a whole number) x | = | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

| | |
|---------------------------------------------------------------------|--------|
| Other (e.g., late filing surcharge): 1811 Certificate of correction | 100.00 |
|---------------------------------------------------------------------|--------|

SUBMITTED BY

| | | | | | |
|-------------------|-------------------------------------------------------------------------------------|--------------------------------------|--------|-----------|----------------|
| Signature |  | Registration No. (Attorney/Agent) | 35,418 | Telephone | (212) 527-7769 |
| Name (Print/Type) | Pierre R. Yanney | | | Date | April 20, 2006 |

Certificate

APR 27 2006

of Correction

MAY 01 2006



Docket No.: 05986/000M673-US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Andrew Kent et al.

Patent No.: 6,980,469 *B2*

Issued: December 27, 2005

For: HIGH SPEED LOW POWER MAGNETIC
DEVICES BASED ON CURRENT INDUCED
SPIN-MOMENTUM TRANSFER

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 CFR 1.323

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, the following error was found in the application as filed by applicant. The error now sought to be corrected is an inadvertent omission, the correction of which does not involve new matter or require reexamination.

At Column 1, Line 5, please insert:

-- This invention was made with government support under Contract Number NSF-FRG-DMS-0201439 entitled "Analysis and Simulation of Magnetic Devices" awarded by the National Science Foundation, and Contract Number ONR N0014-02-1-0995 entitled "Gate Controlled Ferromagnetism in Semiconductor Nanostructures" awarded by the Office of Naval Research of the Department of Defense. The government has certain rights in the invention. --.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

{W:\05986\000M673000\00701128.DOC 100000058 6980469 }

MAY 01 2006

04/25/2006 HDETA1 00000058 6980469 100.00 0P
01 FC:1811

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,980,469 *B2*
APPLICATION NO. : 10/643,762
ISSUE DATE : December 27, 2005
INVENTOR(S) : Andrew Kent et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

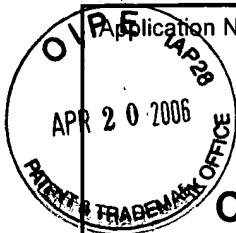
At Column 1, Line 5, please insert:

— This invention was made with government support under Contract Number NSF-FRG-DMS-0201439 entitled “Analysis and Simulation of Magnetic Devices” awarded by the National Science Foundation, and Contract Number ONR N0014-02-1-0995 entitled “Gate Controlled Ferromagnetism in Semiconductor Nanostructures” awarded by the Office of Naval Research of the Department of Defense. The government has certain rights in the invention. —.

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New York, New York 10150-5257

MAY 01 2006



Application No. (if known): 10/643,762

Attorney Docket No.: 05986/000M673-US0

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. in an envelope addressed to:

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Alexandria, VA 22313-1450

on April 20, 2006
Date

Signature

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)

Request for Certificate of Correction Pursuant To 37 CFR 1.323 (2 pages)

Certificate of Correction (1 page)

Check No. 11727 in the amount of \$100.00

MAY 01 2006